Marc Pidou

List of Publications by Year
in descending order

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35 papers	1,836 citations	361413 20 h-index	395702 33 g-index
35 all docs	35 docs citations	35 times ranked	2334 citing authors

#	Article	IF	Citations
1	A study of the microbial quality of grey water and an evaluation of treatment technologies for reuse. Ecological Engineering, 2008, 32, 187-197.	3.6	181
2	Modelling the energy demands of aerobic and anaerobic membrane bioreactors for wastewater treatment. Environmental Technology (United Kingdom), 2011, 32, 921-932.	2.2	166
3	Microalgae for municipal wastewater nutrient remediation: mechanisms, reactors and outlook for tertiary treatment. Environmental Technology Reviews, 2015, 4, 133-148.	4.3	152
4	Comparison of coagulation performance and floc properties using a novel zirconium coagulant against traditional ferric and alum coagulants. Water Research, 2012, 46, 4179-4187.	11.3	144
5	Influence of microalgal N and P composition on wastewater nutrient remediation. Water Research, 2016, 91, 371-378.	11.3	132
6	Chemical solutions for greywater recycling. Chemosphere, 2008, 71, 147-155.	8.2	126
7	Rejection of disinfection by-products by RO and NF membranes: Influence of solute properties and operational parameters. Journal of Membrane Science, 2014, 467, 195-205.	8.2	100
8	Impact of membrane configuration on fouling in anaerobic membrane bioreactors. Journal of Membrane Science, 2011, 382, 41-49.	8.2	96
9	Anaerobic membrane bioreactors enable high rate treatment of slaughterhouse wastewater. Biochemical Engineering Journal, 2015, 97, 132-141.	3.6	96
10	Effect of pH on the ageing of reverse osmosis membranes upon exposure to hypochlorite. Desalination, 2013, 309, 97-105.	8.2	73
11	Biofouling and scaling control of reverse osmosis membrane using one-step cleaning-potential of acidified nitrite solution as an agent. Journal of Membrane Science, 2015, 495, 276-283.	8.2	62
12	Impact of effluent organic matter on low-pressure membrane fouling in tertiary treatment. Water Research, 2013, 47, 2633-2642.	11.3	60
13	Fouling control of a membrane coupled photocatalytic process treating greywater. Water Research, 2009, 43, 3932-3939.	11.3	58
14	Impact on reactor configuration on the performance of anaerobic MBRs: Treatment of settled sewage in temperate climates. Water Research, 2013, 47, 4853-4860.	11.3	54
15	Microbial community analysis of fouled reverse osmosis membranes used in water recycling. Water Research, 2013, 47, 3291-3299.	11.3	49
16	Dynamic multidimensional modelling of submerged membrane bioreactor fouling. Journal of Membrane Science, 2014, 467, 153-161.	8.2	42
17	Membrane chemical reactor (MCR) combining photocatalysis and microfiltration for grey water treatment. Water Science and Technology, 2006, 53, 173-180.	2.5	39
18	Incorporating biodegradation and advanced oxidation processes in the treatment of spent metalworking fluids. Environmental Technology (United Kingdom), 2012, 33, 2741-2750.	2.2	24

#	Article	IF	Citations
19	Recovery and reuse of alginate in an immobilized algae reactor. Environmental Technology (United) Tj ETQq1 1 0.784314 rgBT /Overlock	2.2	23
20	Tertiary nutrient removal from wastewater by immobilised microalgae: impact of wastewater nutrient characteristics and hydraulic retention time (HRT). H2Open Journal, 2018, 1, 12-25.	1.7	21
21	Criticality of Flux and Aeration for a Hollow Fiber Membrane Bioreactor. Separation Science and Technology, 2010, 45, 956-961.	2.5	20
22	Consequences of pH change on wastewater depth filtration using a multimedia filter. Water Research, 2018, 128, 111-119.	11.3	20
23	Comparison of grey water treatment performance by a cascading sand filter and a constructed wetland. Water Science and Technology, 2010, 62, 1471-1478.	2.5	18
24	The impact of polymer selection and dose on the incorporation of ballasting agents onto wastewater aggregates. Water Research, 2020, 170, 115346.	11.3	15
25	Recovery of ammonia from wastewater through chemical precipitation. Journal of Thermal Analysis and Calorimetry, 2020, 142, 1303-1314.	3.6	14
26	The impact of filter bed depth and solids loading using a multimedia filter. Separation Science and Technology, 2018, 53, 2249-2258.	2.5	13
27	Influence of light regime on the performance of an immobilised microalgae reactor for wastewater nutrient removal. Algal Research, 2019, 44, 101648.	4.6	12
28	The effect of high hydraulic loading rate on the removal efficiency of a quadruple media filter for tertiary wastewater treatment. Water Research, 2016, 107, 102-112.	11.3	9
29	What is the impact of personal care products selection on greywater characteristics and reuse?. Science of the Total Environment, 2020, 749, 141413.	8.0	6
30	High rate algal systems for treating wastewater: A comparison. Algal Research, 2022, 65, 102754.	4.6	4
31	Technologies for urban water recycling. Water Practice and Technology, 2008, 3, .	2.0	2
32	Reuse Of Urban Water: Impact Of Product Choice. , 2008, , 13-22.		2
33	Demonstrating Commercial Hollow Fibre Membrane Contactor Performance at Industrial Scale for Biogas Upgrading at a Sewage Treatment Works. Water (Switzerland), 2021, 13, 172.	2.7	2
34	Characterization of secondary treated effluents for tertiary membrane filtration and water recycling. Journal of Water Reuse and Desalination, 2012, 2, 74-83.	2.3	1
35	Character of Extracellular Polymeric Substances and Soluble Microbial Products and Their Effect on Membrane Hydraulics During Airlift Membrane Bioreactor Applications. Water Environment Research, 2008, 80, 2193-2201.	2.7	0